



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Done
D139-816-011
Job Sheet 166971-H



Part No: D139-816-011

Job Qty: 1 ea

Part Name: Lightweight Interior Ceiling Panels



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/20/17

Job Tracking No:

Due Date: 12/15/17

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Chevron USA (CCHEV01)

96 Runway Road Picayune, MS, 39466 USA ph:(601) 749-4020

Ship Via:

627

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
90	Start up Operation	1 Ea		12/15/17	0.00	0.00	Start Up Stores/Pkg1	<i>SA</i> FEB 0 2018
110	Packaging	1 pcs		12/15/17	0.00	0.00	Packaging1	<i>Shm3</i>
120	QC	1 pcs		12/15/17	0.00	0.00	QC4	<i>M.D.</i>
125	DC	1 pcs		12/15/17	0.00	0.00	DC	<i>M.D.</i>
130	Packaging	1 pcs		12/15/17	0.00	0.00	Packaging3	<i>M.D.</i>
140	QC21-FG	1 Ea		12/15/17	0.00	0.00	QC21	<i>DAS</i> MAR 29 2018 <i>21</i> <i>9-86</i> <i>sold</i>

Part Op 125 - Photocopy blue file & type labels as per PPP D139-816-011 CHG006

Descriptions: 130 - Package as per PPP D139-816-011 Identify and Stock Location: _____

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	2351-20-21-C3C	16	67	0	0
	5033586-50-009-2	16	47	0	0
	5033579-AN970-3	10	137	0	0
	5033573-BT1.5I-M	24	697	0	0
	5033587-BT3LH-L	12	113	0	0
	5034072-CB200	3	27	0	0
	5034072-CS125-1032-8AACR	2	66	0	0
	5633535-D4634-041	1	0	0	0
	D4634-043	1	0	0	0
	D4634-045	1	0	0	0
	D4635-041	1	0	0	0
	D4635-042	1	0	0	0
	D4635-043	1	0	0	0
	D4635-044	1	0	0	0
	D4636-043	16	39	0	0
	D4636-11	10	25	0	0
	D4636-5	16	43	0	0
	D4636-7	4	9	0	0
	D4636-9	1	17	0	0
	D4648-1	1	1	0	0
	D4653-041	6	11	0	0
	D4653-11	6	9	0	0
	D4664-7	3	6	0	0
	D4712-043	2	8	0	0
	D4716-1	2	4	0	0



S038148



Lightweight Interior Ceiling Panels

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

PART NO: D139-816-011
Original Serial #: S038148
Revision:
Operation:
Change No: CHG006

Start up Operation

02/01/18
Job No: 166971-H

5033474	D4716-3	4	8	0	0
5033471	D4716-5	6	13	0	0
5033456	D4728-057	1	12	0	0
5033443	D4728-063	1	13	0	0
5033428	D4730-020-035	24	10	0	0
5033376	D5032-1	16	43	0	0
5033369	D5032-3	16	46	0	0
5033367	D5078-1	1	6	0	0
5033353	MS21042L3	35	964	0	0
5033349	MS24694-S51	36	161	0	0
5033346	MS27039-1-15	21	185	0	0
5033345	NAS1149D0316J	5	701	0	0
5033343	NAS1149D0332J	34	1,524	0	0
5033324	NAS1149D0663J	6	666	0	0

Part Specifications

Specifications could not be found.

Plex 10/20/17 1:57 PM dart.poulin.mario



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Master Unit 000254

Tel (613) 632-5200

- (3X)
- C8200 5009367
442 10/04/2015
- D4634-041 (1X) 5047357
- D4634-043 (1X) 5047497
- D4634-045 (1X) 5047405
- D4635-041 (1X) 5055938
- D4635-042 (1X) 5056104
- D4635-043 (1X) 5056123
- D4635-044 (1X) 5056075

Containers on Master Unit 000254				
Serial No	Part No	Customer Part No	Status	Quantity
S033586	2351-20-21-C3C		Allocated	16
S033579	50-009-2		Allocated	16
S033573	AN970-3		Allocated	10
S033587	BT1.5I-M		Allocated	24
S034072	BT3LH-L		Allocated	12
S033535	CS125-1032-8AACR		Allocated	2
S033564	D4636-043		Allocated	16
S033521	D4636-11		Allocated	10
S033515	D4636-5		Allocated	16
S033509	D4636-7	D4636-7	Allocated	4
S033506	D4636-9		Allocated	1
S033501	D4648-1		Allocated	1
S033498	D4653-041		Allocated	6
S033495	D4653-11		Allocated	6
S033481	D4664-7		Allocated	3
S033478	D4712-043		Allocated	2
S033476	D4716-1		Allocated	2
S033474	D4716-3		Allocated	4
S033471	D4716-5		Allocated	6
S033456	D4728-057		Allocated	1
S033443	D4728-063		Allocated	1
S033428	D4730-020-035		Allocated	24
S033376	D5032-1		Allocated	16
S033369	D5032-3		Allocated	16
S033367	D5078-1		Allocated	1
S033353	MS21042L3	MS21042L3	Allocated	35
S033349	MS24694-S51		Allocated	36
S033345	NAS1149D0316J		Allocated	5
S033343	NAS1149D0332J	NAS1149D0332J	Allocated	34
S033324	NAS1149D0663J		Allocated	6

5033346 MS21039-1-15 21X

REFERENCE ONLY

5.0 PARTS LIST

Qty -011	Part Number	Description
X	D139-816-011	INTERIOR CEILING PANEL KIT
1	D4634-041	FWD, CENTER CEILING PANEL ASSEMBLY
1	D4634-141	* FWD, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4634-043	MIDDLE, CENTER CEILING PANEL ASSEMBLY
1	D4634-143	* MIDDLE, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4634-045	AFT, CENTER CEILING PANEL ASSEMBLY
1	D4634-145	* AFT, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-041	LH, FWD CEILING PANEL ASSEMBLY
1	D4635-141	* LH, FWD CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-042	RH, FWD CEILING PANEL ASSEMBLY
1	D4635-142	* RH, FWD CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-043	LH, AFT CEILING PANEL ASSEMBLY
1	D4635-143	* LH, AFT CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-044	RH, AFT CEILING PANEL ASSEMBLY
1	D4635-144	* RH, AFT CEILING REPLACEMENT PANEL ASSEMBLY
16	D4636-043	RECEPTACLE BRACKET ASSEMBLY
10	D4636-11	BRACKET
16	D4636-5	BRACKET
4	D4636-7	RETAINER PLATE
1	D4636-9	TEMPLATE
1	D4648-1	TEMPLATE
6	D4653-041	VENT MANIFOLD ASSEMBLY
6	D4653-11	CLAMP
3	D4664-7	SPACER
2	D4712-043	BRACKET ASSEMBLY
2	D4716-1	DUCT HOSE
4	D4716-3	DUCT HOSE
6	D4716-5	DUCT HOSE
1	D4728-057	HARNESS ASSEMBLY
1	D4728-063	HARNESS ASSEMBLY
24	D4730-020-035	VELCRO STRIP
16	D5032-1	DOUBLER
16	D5032-3	DOUBLER
16	2351-20-21-C3C	DZUS SCREW
16	50-009-2	GROMMET
10	AN970-3	WASHER
24	BT1.5I-M	TIE WRAP
12	BT3LH-L	TIE WRAP
1	CB 200	3.5g ACRYLIC ADHESIVE
2	CS125-1032-8-AA-CR	STUD (or CS125-1032-8-AA-CRM)
35	MS21042L3	NUT
36	MS24694-S51	SCREW
21	MS27039-1-15	SCREW
5	NAS1149D0316J	WASHER (or AN960JD10L)
34	NAS1149D0332J	WASHER (or AN960JD10)
6	NAS1149D0663J	WASHER (or AN960JD616)

NOTES:

(*) DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE
D4634-141/-143/-145 ARE REPLACEMENT PANELS
D4635-141/-142/-143/-144 ARE REPLACEMENT PANELS

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Revision: **D**
Date: 13.12.16

DART SERVICE INSTRUCTION

TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT
AND ICA-D139-816 REV. 3 OR SUBSEQUENT

REF. TCCA STC: SH12-54
REF. FAA STC: SR03251NY
REF. EASA STC: 10045158

REFERENCE ONLY

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide an alternate method of installing the D139-816-011 Interior Ceiling Panel Kit for customers with newer 300 series aircraft models with split center ceiling panels.

2.0 PROCEDURE

This procedure modifies step 3.1.7 of IIN-D139-816 Rev. D.

- 2.1 Position the D4634-041/-043/-045 center panels onto the p/n E4417F01 cabin isolation mounts using $\varnothing 0.25"$ (6 mm) holes in the panels. Identify those mounts that do not align with holes in the panels. Ensure that a gap between the D4634-041/-043/-045 panels of approximately 0.050" (1.3 mm) is maintained.
- 2.2 Remove extra and non-aligning cabin isolation mounts from the ceiling. Temporarily install the removed mounts into non-align holes in the panels and paint mark the back of the E4417F01 mounts. Position the D4634-041/-043/-045 center panels onto p/n E4417F01 cabin isolation mounts. Ensure the new mount locations get marked in the cabin roof. Remove panels keeping the mounts on the panels.
- 2.3 Remove ceiling insulation from aircraft ceiling at the new marked mount locations.
- 2.4 Apply a small amount of CB 200 Click Bond adhesive to the E4417F01 cabin isolation mounts that are relocated.
- 2.5 Reposition the ceiling panels on the ceiling pressing the E4417F01 cabin isolation mounts firmly on the ceiling and holding in position until the adhesive cures enough to remove the screws from the mount.
- 2.6 Install the necessary rivets to re-fasten the E4417F01 cabin isolation mounts to the ceiling.
- 2.7 Continue the ceiling panel installation as indicated in the IIN-D139-816.

3.0 GENERAL NOTE

- 3.1 Due to the thermoforming process variations in material thickness may occur. It is acceptable to install longer or shorter Dzus fasteners as required to accommodate this material variation.

4.0 WEIGHT & BALANCE

This DSI has a negligible effect on Weight & Balance.

5.0 PARTS LIST

For D139-816-011 & CHG 005 and later, the following parts have been added to the kits.

QTY. -011	PART NUMBER	DESCRIPTION
X	D139-816-011	INTERIOR CEILING PANEL KIT
3	CB 200	3.5g ACRYLIC ADHESIVE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH12-54
ISSUE NO.: 1

A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9686	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE INSTALLATION	NTS
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